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- 3. Mature trees and chrobs uso less water.

  Mature trees and chrobs con assally to Edward the fall, winter and spring months with accompand stating affects for the water the summer or water most selected as a constant of the contract of t
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- 5. Soil sookers are tore cificient on inerth laws and gardens.

  Overhood sprinklers will provide word water than the soil can absorb so the low areas to the privilence for agree running of from the higher at a speak. Thus, usever watering occurs. Soil senters release water at a smaller volume and water distribution will be more oven.
  - 6. Réduce the fettilizes of your lawn by observail.
    A well fertifizes nown, growing vigorously, with use more water. Reducing the number of fertilizer applications means less have provid and less water loss through transpiration. Less growth also means less mowing.
  - 7. Reduce the lawn size where desirable with groundcovers and shrubs.

    A lawn probably uses a greater amount of the cover that any other part of the landscape. Drought tolerant groundcovers suchana series or assorted succulents might be substituted for grass of discondent. If a lawn is desirable, however, temember that them became proceed (St. Augustine, Bernuda grass, Zdysiu grass, etc.) require less indigation than cool season grasses.

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- 8. Use a mulch in garden areas to reduce evaporation.
  Organic and mineral mulches will reduce evaporation from the soil.
  Cultivating compost and mulches deep into the bedding plant and vegetable garden areas is also desirable because organic matter has the ability to store moisture. See the hortiCULTURE sheet (May 1976 #8) for more ideas on mulching.
- 9. Get rid of weeds.

  Weeds use water. They adapt very well to the environment and can dominate the area, using all available plant nutrients including water.
- 10. Consider making an investment in drip irrigation.

  The drip irrigation system is a relatively new method of watering, supplying water at a slow rate over a long period of time. The water is usually applied at ground level so there will be minimum evaporation loss or runoff. The system consists of individual tubing supplying water to each plant at a very slow rate almost a drop at a time.
- 11. Examine the possibility of using California native plants and types of drought tolerant plants.

  The type of plants to consider are ones that will adapt to our climate and also those that require the least frequent watering. Plants native to Southern California survive by growing with the winter rains and being dormant during the hot summer months. Many introduced plants in the home landscape are also drought tolerant. The Arboretum has introduced several new varieties of drought tolerant plants to Southern California. A list of these plants is mentioned in the brochure "Green Belts for Brush Fire Protection and Soil Erosion Control in Hillside Residential Areas."
- 12. Use a broom to sweep walks and a rake to sweep leaves.

  One of the most wasteful habits among Southern Californians is the practice of using water to clean non-growing areas. Try to remember to use a broom or rake to clean driveways and sidewalks. Sprinklers should be adjusted so water is not applied to walks and driveways where it simply runs down into drains or evaporates.

Partial list of drought tolerant plants for Southern California that are readily available:

Acacia baileyana Cedrus deodora Ceratonia siliqua Eucalyptus camaldulensis

Agave americana
Arctostaphylos manzanita
Callistemon citrinus
Cassia artemisioides
Ceanothus griseus
Cistus purpureus

Arctostaphylos uva-ursi Aloe brevifolia Baccharis pilularis Delosperma 'Alba' TREES

Pinus canariensis Quercus ilex Schinus molle Washington filifera

SHRUBS

Dodonaea viscosa
Heteromeles arbutifolia
Juniperus chinensis
Nerium oleander
Prunus lyonii
Rhus ovata

GROUNDCOVERS

Gazania uniflora
Hypericum calycinum
Malephora crocea
Rosmarinus officinalis